

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) Medical or dental medical handpiece (1), characterized in that, it has comprising a display (21) for the showing of work-relevant data or images.

2. (Currently Amended) Handpiece according to claim 1, characterized in that, it is formed wherein the handpiece is of rod-like form and has a forward end and the display (21) has a longitudinally directed spacing (e) from the forward end of the handpiece (1), which spacing is preferably at least about 20 to 80 mm, in particular about 30 to 50 mm, or greater.

3. (Currently Amended) Handpiece according to claim 2, characterized in that, wherein the handpiece comprises a grip section extending rearwardly of the display (21) the handpiece (1) has a grip section (3), preferably extending straight.

4. (Currently Amended) Handpiece according to claim 1, characterized in that, the wherein the handpiece comprises a forward longitudinal region of the handpiece (1) that is angled or curved to the a side.

5. (Currently Amended) Handpiece according to claim 4, characterized in that, wherein the display (21) is arranged in a longitudinal region which extends approximately from the a forward end region of the grip section (9; 48) up to approximately the a middle region of the angling or curvature of the forward longitudinal region.

6. (Currently Amended) Handpiece according to claim 4, characterized in that, wherein the display (21) is arranged on the a side of the handpiece (1) which is away from opposed to the a direction of angling or the direction of curvature of the forward longitudinal region.

7. (Currently Amended) Handpiece according to claim 1, characterized in that, wherein the display area (21a) is arranged on the a surface of the handpiece (1) or projects outwardly beyond the surface and extends preferably approximately parallel thereto or includes with the surface an acute angle (W3) which is forwardly opened.

8. (Currently Amended) Handpiece according to claim 1, characterized in that, it has comprising at least one or more actuating elements (22) element for the switching on and switching off of the showing of different data items or images on the display (21).

9. (Currently Amended) Handpiece according to claim 8, characterized in that, wherein the actuating element or elements (22) are is arranged in the an edge region of the display (21), preferably in the rearward edge region and/or in the forward edge region.

10. (Currently Amended) Handpiece according to claim 8, characterized in that, there is provided comprising at least one of an actuating element (22) with which a still image can be switched on or switched off on the display (21), and/or there is provided and an actuating element with which an image reproduction on a monitor (41) associated with the a treatment station with which the handpiece is used can be switched on or switched off.

11. (Currently Amended) Handpiece in particular according to claim 1,
~~characterized in that, it has in its comprising a forward end region with an image-taking~~
device (31), the images from which can be shown on the display (21).
12. (Currently Amended) Handpiece according to claim 11, ~~characterized in that,~~
wherein the image-taking device (31) ~~has comprises~~ a light inlet opening (34) which is
covered ~~ever~~ by a light permeable closure plate (35).
13. (Currently Amended) Handpiece according to claim 11, ~~characterized in that,~~
wherein the image-taking device (31) ~~has comprises~~ a camera module (32).
14. (Currently Amended) Handpiece according to claim 11, ~~characterized in that,~~
wherein the image-taking device (31) is arranged off ~~centre center~~ in the ~~an~~ edge region of
the handpiece (1).
15. (Currently Amended) Handpiece according to claim 11, ~~characterized in that,~~
wherein the image-taking device (31) is arranged in the ~~an~~ angling or curvature plane of the
handpiece (1), ~~preferably arranged on the forwardly directed side of the angling or curvature.~~
16. (Currently Amended) Handpiece according to claim 11, ~~characterized in that,~~
wherein the image-taking device (31) is arranged in a material annex (33) ~~which is preferably~~
~~arranged to the side.~~

17. (Currently Amended) Handpiece according to claim 1 or 11, characterized in that, it wherein the handpiece is at least one of a functional handpiece and/or, a probe handpiece and/or, and a working handpiece.

18. (Currently Amended) Handpiece according to claim 11, characterized in that, the spacing of wherein the handpiece comprises an outlet nozzle and the image-taking device (31) is spaced from the a forward end of the outlet nozzle (4) is less than 30 mm, preferably about 5 mm to 10 mm.

19. (Currently Amended) Handpiece according to claim 11, characterized in that, with comprising a working handpiece (1) having an insertion opening (46) for a tool (45) open to the a side, in a head (13) of the handpiece (1), wherein the image-taking device (31) is arranged in the an end region of the handpiece before or behind the head (13) on the a side of the handpiece on which the insertion opening (36) is located, and is directed obliquely towards the a middle axis of the insertion opening (46) (Fig. 3).

20. (Currently Amended) Handpiece according to claim 11, characterized in that, with comprising a working handpiece (1) having a forwardly open insertion opening (46) for a tool (45), wherein the image-taking device (31) is arranged in the a forward end region of the handpiece (1), in particular in the side periphery region of the handpiece (1) and is forwardly-directed (Fig. 4).

21. (Currently Amended) Handpiece according to claim 1, characterized in that, it has comprising a data receiver, for the reception of wireless transmitted data, associated with the display, which data corresponds to work-relevant data or images which can be shown on the display (21).

22. (Currently Amended) Handpiece according to claim 11, characterized in that, it has comprising a data transmitter (63), for the transmission of data corresponding to images taken, associated with the image-taking device (31).

23. (New) Handpiece according to claim 2, wherein the spacing is 20 mm to 80 mm.

24. (New) Handpiece according to claim 23, wherein the spacing is 30 mm to 50 mm.

25. (New) Handpiece according to claim 3, wherein the grip section extends straight rearwardly from the display.

26. (New) Handpiece according to claim 7, wherein the display projects beyond the surface and extends approximately parallel thereto.

27. (New) Handpiece according to claim 7, wherein the display projects beyond the surface and defines with the surface a forwardly open acute angle.

28. (New) Handpiece according to claim 9, wherein the actuating element is arranged in at least one of a rearward edge region or a forward edge region of the display.

29. (New) Handpiece according to claim 15, wherein the image-taking device is arranged on a forwardly directed side of the angling or curvature.

30. (New) Handpiece according to claim 16, wherein the material annex is arranged to a side of the handpiece.

31. (New) Handpiece according to claim 18, wherein the image-taking device is spaced at 5 mm to about 10 mm from the forward end of the outlet nozzle.

32. (New) Handpiece according to claim 20, wherein the image-taking device is arranged in a side periphery region of the handpiece and is forwardly directed.